

*Fast search  
8/12/03*

L Number	Hits	Search Text	DB	Time stamp
1	1	noise adj suppressor near unit and lifting adj element	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 08:55
2	13	noise adj suppressor near unit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 08:57
3	0	4077790.URPN.	USPAT	2003/08/12 08:57
4	6	("2914806"   "3346356"   "3560179"   "3685614"   "3785791"   "3881569").PN.	USPAT	2003/08/12 08:57
6	168239	noise adj suppressor and elementsand 29/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 08:58
7	10	noise adj suppressor and 29/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:03
5	614	noise adj suppressor and elements	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:06
8	34	("4410905"   "4680613"   "4891687"   "4965654"   "4984059"   "4989117"   "4994936"   "5032895"   "5068708"   "5095402"   "5103283"   "5105257"   "5140496"   "5200364"   "5212402"   "5214845"   "5235209"   "5237202"   "5272590"   "5281556"   "5291060"   "5311056"   "5311057"   "5365106"   "5457340"   "5485037"   "5528083"   "5552631"   "5559306"   "5572065"   "5606199"   "5726490"   "5734198"   "6054754").PN.	USPAT	2003/08/12 09:04
9	2371	noise adj suppressor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:07
10	1	noise adj suppressor and holder and lifting adj element	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:08

11	1	noise adj suppressor and lifting adj element	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:08
13	2	noise adj suppressor and coll adj holder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:08
12	55	noise adj suppressor and holder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:11
14	0	200105202.URPN.	USPAT	2003/08/12 09:10
15	1	2001-147239.NRAN.	DERWENT	2003/08/12 09:10
16	13	noise adj suppressor near unit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:14
17	139	suppressor near unit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:18
18	293	suppressor near device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:43
19	7	("4027324"   "4980315"   "5166769"   "5233214"   "5760450"   "5880511"   "6069043").PN.	USPAT	2003/08/12 09:20
20	11	("3743097"   "3863111"   "4042420"   "4646037"   "4698605"   "4796079"   "4841259"   "4873505"   "4903161"   "4992060"   "5182540").PN.	USPAT	2003/08/12 09:23
21	1	1989-094823.NRAN.	DERWENT	2003/08/12 09:29
22	2	5307041.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:48
23	3	("4623865"   "4656450"   "4888571").PN.	USPAT	2003/08/12 09:44

24	11	("2548239"   "3090907"   "3227980"   "3271713"   "3284748"   "3358256"   "3471815"   "3507039"   "3859614"   "4149135"   "4427961").PN.	USPAT	2003/08/12 09:46
25	5	("1367957"   "2439277"   "3507039"   "3824518"   "3973321").PN.	USPAT	2003/08/12 09:47
26	2224	29/605.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:48
27	0	29/605.ccls. and coil and substrate and holder and lifting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:51
28	8	coil and substrate and holder and lifting and 29/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:52
29	0	coil adj choke and substrate and holder and 29/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:55
30	0	coil adj choke and substrate and holder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:55
31	7	mode adj choke and substrate and holder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 09:58
32	1	1995-164937.NRAN.	DERWENT	2003/08/12 09:57
33	15	common adj mode near choke and holder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:00
34	1	1990-186757.NRAN.	DERWENT	2003/08/12 10:00
35	1	Nuutinen near Sami .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:01

36	41	Nuutinen .inv.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:01
37	526	29/700.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:05
38	0	29/700.ccls. and transformer and inductor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:06
39	1	29/700.ccls. and suppressor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:06
40	1	29/700.ccls. and mode near choke	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:06
41	17	29/\$.ccls. and mode near choke	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/12 10:07
42	25	("2388737"   "3185947"   "3290758"   "3413716"   "3431144"   "3881244"   "4522671"   "5048747"   "5226220"   "5299754"   "5425166"   "5425167"   "5430613"   "5461353"   "5521573"   "5532667"   "5572180"   "5576680"   "5583474"   "5619791"   "5652561"   "5745981"   "5761791"   "5781091"   "5802702").PN.	USPAT	2003/08/12 10:08
43	5	("3376536"   "3430174"   "3609630"   "3860896"   "4803777").PN.	USPAT	2003/08/12 10:09

	<b>Title</b>	<b>Current OR</b>	<b>Current XRef</b>
<b>1</b>	<b>Method of manufacturing wire wound electronic component</b>	<b>336/192</b>	<b>29/602.1; 29/605; 336/199; 336/221</b>
<b>2</b>	<b>Method and noise suppressor unit for installing a common mode choke for noise suppressor in a power source module onto a circuit</b>	<b>29/700</b>	
<b>3</b>	<b>Methods of manufacturing inductors</b>	<b>29/606</b>	<b>29/602.1; 29/607</b>
<b>4</b>	<b>Chip-type circuit component and method of manufacturing the same</b>	<b>156/250</b>	<b>156/306.9; 156/319; 156/331.1; 156/331.5; 257/E27.116; 29/830; 29/846; 428/471</b>
<b>5</b>	<b>Method of manufacturing wire wound electronic component</b>	<b>29/605</b>	<b>29/608; 336/192; 336/205; 336/83; 336/96</b>
<b>6</b>	<b>Low-EMI electronic apparatus, low-EMI circuit board, and method of manufacturing the low-EMI circuit board.</b>	<b>361/794</b>	<b>174/255; 174/256; 257/E23.173; 257/E25.029; 29/846; 333/12; 361/780; 361/792; 361/793; 361/795</b>
<b>7</b>	<b>Electronic inductive device and method for manufacturing</b>	<b>29/602.1</b>	<b>29/608; 29/852; 336/200</b>

	<b>Title</b>	<b>Current OR</b>	<b>Current XRef</b>
<b>8</b>	<b>Wire wound electronic component and method of manufacturing the same</b>	<b>336/192</b>	<b>29/602.1; 336/205</b>
<b>9</b>	<b>Method of manufacturing chip-type common mode choke coil</b>	<b>29/608</b>	<b>29/602.1; 336/200; 336/233</b>
<b>10</b>	<b>Thin film chip-type filter with an external electrode formed on an adhesion layer</b>	<b>333/177</b>	<b>257/E27.116; 29/830; 333/185; 336/200; 336/232; 428/210</b>
<b>11</b>	<b>CHIP TYPE COMMON MODE CHOKER COIL AND MANUFACTURE THEREOF</b>		<b>29/602.1; 336/200</b>
<b>12</b>	<b>CHIP TYPE COMMON MODE CHOKER COIL AND MANUFACTURING METHOD THEREOF</b>		<b>29/602.1; 361/118</b>
<b>13</b>	<b>CHOKER COIL AND FABRICATION THEREOF</b>		<b>29/602.1; 336/221</b>
<b>14</b>	<b>COMMON MODE CHOKER COIL AND MANUFACTURE THEREOF</b>		<b>29/604; 336/212</b>
<b>15</b>	<b>MANUFACTURE OF PLUG WITH BUILT-IN NOISE FILTER</b>		<b>29/592.1; 439/501</b>
<b>16</b>	<b>COMMON MODE CHOKER COIL AND MANUFACTURE THEREOF</b>		<b>29/825; 336/177</b>
<b>17</b>	<b>COMMON MODE CHOKER COIL AND MANUFACTURE THEREOF</b>		<b>29/825; 336/177</b>

	<b>Current OR</b>	<b>Current XRef</b>	<b>Retrieval Classif</b>	<b>Inventor</b>
<b>1</b>	<b>29/700</b>			<b>Nuutinen, Sami</b>
<b>2</b>	<b>439/730</b>	<b>138/143; 138/146; 174/DIG.8; 29/447; 439/161; 439/523; 439/932</b>		<b>Kamei, Koji et al.</b>
<b>3</b>	<b>29/890.01</b>	<b>29/428; 29/890.08</b>		<b>Johnson, Joseph M. et al.</b>
<b>4</b>	<b>439/92</b>	<b>29/854; 439/105; 439/225; 439/490</b>		<b>Johnson, Hugh G.</b>
<b>5</b>	<b>29/243.525</b>	<b>173/169</b>		<b>Olsson, Lars E. G.</b>
<b>6</b>	<b>219/93</b>	<b>228/128; 29/436; 417/360</b>		<b>Litch, III, Ernest W.</b>
<b>7</b>	<b>384/45</b>	<b>29/898.03; 464/168</b>		<b>Teramachi, Hiroshi</b>
<b>8</b>	<b>173/169</b>	<b>29/243.525</b>		<b>Olsson, Lars E. G.</b>
<b>9</b>	<b>29/446</b>	<b>248/606; 248/638; 29/525.11; 417/363</b>		<b>Litch, III, Ernest W.</b>
<b>10</b>	<b>219/93</b>	<b>228/128; 29/436; 417/360</b>		<b>Litch, III, Ernest W.</b>

US-PAT-NO: 5850682

DOCUMENT-IDENTIFIER: US 5850682 A

TITLE: Method of manufacturing chip-type  
common mode choke coil

DATE-ISSUED: December 22, 1998

INVENTOR-INFORMATION:

NAME	CITY
STATE ZIP CODE COUNTRY	
Ushiro; Tomoaki	Kyoto
N/A N/A JP	

INT-CL: [06] H01F041/02

US-CL-ISSUED: 29/608, 29/602.1 , 336/200 , 336/233

US-CL-CURRENT: 29/608, 29/602.1 , 336/200 , 336/233

FIELD-OF-SEARCH: 29/602.1; 29/608 ; 29/606 ; 336/200 ;  
336/233 ; 336/234

REF-CITED:

PAT-NO	U.S. PATENT DOCUMENTS	
	ISSUE-DATE	PATENTEE-NAME
	US-CL	
<u>5386206</u>	January 1995	Iwatani et al.
336/200	<u>N/A</u>	N/A
5479695	January 1996	<u>Grader</u> et al.
29/602.1	N/A	N/A

ART-UNIT: 376

PRIMARY-EXAMINER: Hall; Carl E.

<b>L Number</b>	<b>Hits</b>	<b>Search Text</b>	<b>DB</b>	<b>Time stamp</b>
<b>1</b>	<b>1</b>	<b>noise adj suppressor near unit and lifting adj element</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2003/08/12 08:55</b>
<b>2</b>	<b>13</b>	<b>noise adj suppressor near unit</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2003/08/12 08:57</b>
<b>3</b>	<b>0</b>	<b>4077790.URPN.</b>	<b>USPAT</b>	<b>2003/08/12 08:57</b>
<b>4</b>	<b>6</b>	<b>("2914806"   "3346356"   "3560179"   "3685614"   "3785791"   "3881569").PN.</b>	<b>USPAT</b>	<b>2003/08/12 08:57</b>
<b>6</b>	<b>168239</b>	<b>noise adj suppressor and elementsand 29/\$.ccls.</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2003/08/12 08:58</b>
<b>7</b>	<b>10</b>	<b>noise adj suppressor and 29/\$.ccls.</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2003/08/12 08:58</b>
<b>5</b>	<b>614</b>	<b>noise adj suppressor and elements</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2003/08/12 09:06</b>
<b>8</b>	<b>34</b>	<b>("4410905"   "4680613"   "4891687"   "4965654"   "4984059"   "4989117"   "4994936"   "5032895"   "5068708"   "5095402"   "5103283"   "5105257"   "5140496"   "5200364"   "5212402"   "5214845"   "5235209"   "5237202"   "5272590"   "5281556"   "5291060"   "5311056"   "5311057"   "5365106"   "5457340"   "5485037"   "5528083"   "5552631"   "5559306"   "5572065"   "5606199"   "5726490"   "5734198"   "6054754").PN.</b>	<b>USPAT</b>	<b>2003/08/12 09:04</b>
<b>9</b>	<b>2371</b>	<b>noise adj suppressor</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2003/08/12 09:07</b>
<b>10</b>	<b>1</b>	<b>noise adj suppressor and holder and lifting adj element</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2003/08/12 09:08</b>